



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

Trulite Window & Door Solutions, LLC
8130 NW 74th Avenue
Medley, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Exterior Glazed" Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W06-84**, titled "Exterior Glazed Alum. Fixed Window. (L.M.I.)", sheets 1 through 5 of 5, dated 12/11/06, with revision C dated 11/18/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA # **10-0804.08** and consists of this page 1 and evidence pages E-1, E-2, and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 11-1213.08
Expiration Date: December 13, 2016
Approval Date: February 02, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W06-84**, Sheets 1 through 5 of 5, titled "Exterior Glazed Alum. Fixed Window (L.M.I.)", dated 12/11/06, with revision C dated 11/18/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of 2 mulled fixed frame windows, O-O configuration, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6600**, dated 08/30/11, signed and sealed by Marlin D. Brinson, P.E.
(All test reports below submitted under previous NOA #01-0102.05)
2. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with installation diagram of an aluminum arch fixed window (3/16" temp), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-1174A**, dated 10/19/00, signed and sealed by Arshad Viqar, P.E.
3. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with installation diagram of an aluminum rectangular fixed window (3/16" ann), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-1174B**, dated 10/19/00, signed and sealed by Arshad Viqar, P.E.
4. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with installation diagram of an aluminum rectangular fixed window (3/16" temp), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-1174C**, dated 10/19/00, signed and sealed by Arshad Viqar, P.E.
5. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with installation diagram of an aluminum rectangular fixed window (3/16" temp), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-1174D**, dated 10/19/00, signed and sealed by Arshad Viqar, P.E.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-1213.08


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B. TESTS (CONTINUED)

(All test reports below submitted under previous NOA #01-0102.05)

6. Test reports on: 1) Large Missile Impact Test per SFBC, PA 201-94
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with installation diagram of an aluminum rectangular fixed window (1/8" ann), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-907A**, dated 12/06/00, signed and sealed by Arshad Viqar, P.E.
7. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with installation diagram of an aluminum fixed rectangular window (1/8" ann), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-1162**, dated 12/6/00, signed and sealed by Arshad Viqar, P.E.
8. Test reports on: 1) Large Missile Impact Test per SFBC, PA 201-94
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with installation diagram of an aluminum fixed rectangular window (1/8" ann), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-907B**, dated 12/6/00, signed and sealed by Arshad Viqar, P.E.
9. Test reports on: 1) Large Missile Impact Test per SFBC, PA 201-94
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with installation diagram of an aluminum fixed arch window (1/8" ann), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-916**, dated 12/6/00, signed and sealed by Arshad Viqar, P.E.
10. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with installation diagram of an aluminum fixed rectangular window (1/8" ann), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-1163**, dated 12/6/00, signed and sealed by Arshad Viqar, P.E.
(Submitted under previous NOA #01-0102.05)
11. Test reports on: 1) Large Missile Impact Test per SFBC, PA 201-94
2) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with installation diagram of an aluminum fixed arch window (1/8" ann), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-917**, dated 12/6/00, signed and sealed by Arshad Viqar, P.E.
12. Test reports on: 1) Uniform Static Air Pressure Test, Loading per PA 202-94
along with installation diagram of an aluminum fixed rectangular window (1/8" ann), prepared by Hurricane Engineering & Testing Inc., Report No. **HETI-00-915**, dated 12/6/00, signed and sealed by Arshad Viqar, P.E.


Manuel Perez, P.E.
Product Control Examiner
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C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, prepared by Al-Farooq Corporation, dated 03/02/09 and revised on 12/05/11, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0325.05** " issued to Solutia, Inc. for their "Saflex and Vanceva clear and color interlayers" dated 05/05/11, expiring on 05/21/16

F. STATEMENTS

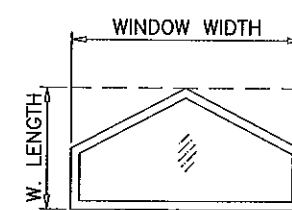
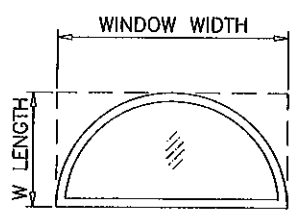
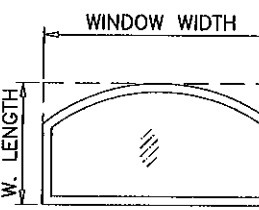
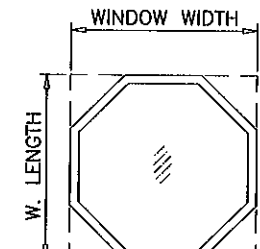
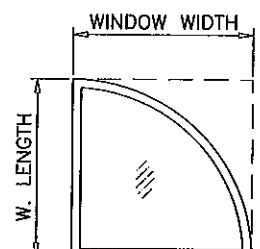
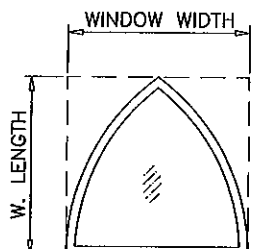
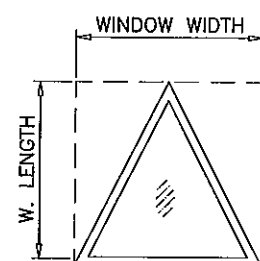
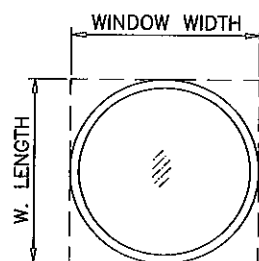
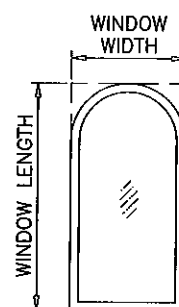
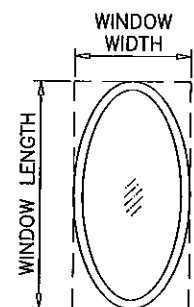
1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated December 7, 2011, signed and sealed by Javad Ahmad, P.E.
2. Florida Dept of State, listing of Trulite Window & Door Solution, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Fl., dated 02/03/10
3. Certificate of registration of name change from "Trulite Residential Windows, LLC" to " Trulite Window & Door Solution, LLC" issued by State of Delaware on 17/10/11, signed by J.W. Bullock.
4. Certificate of registration of name change from "Arch Windows, LLC" to Trulite Residential Windows, LLC" issued by State of Delaware on 07/27/11, signed by J.W. Bullock.
5. Florida Dept of State, listing of Arch Window, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Fl.(transferred from file # 10-0930.07).
6. Certificate of registration of Arch Windows, LLC (Delaware) in State of Florida dated 02/04/10, managed by Arch Intermediate Holding, LLC (transferred from file # 10-0930.07).

G. OTHER

1. Notice of Acceptance No. **10-0804.08**, issued to Arch Windows, LLC dba AWP for their "Exterior Glazed Aluminum Fixed Window – L.M.I.", approved on 11/24/10 and expiring on 12/13/11.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-1213.08

Expiration Date: December 13, 2016
Approval Date: February 02, 2012



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

EXTERIOR GLAZED ALUMINUM FIXED WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

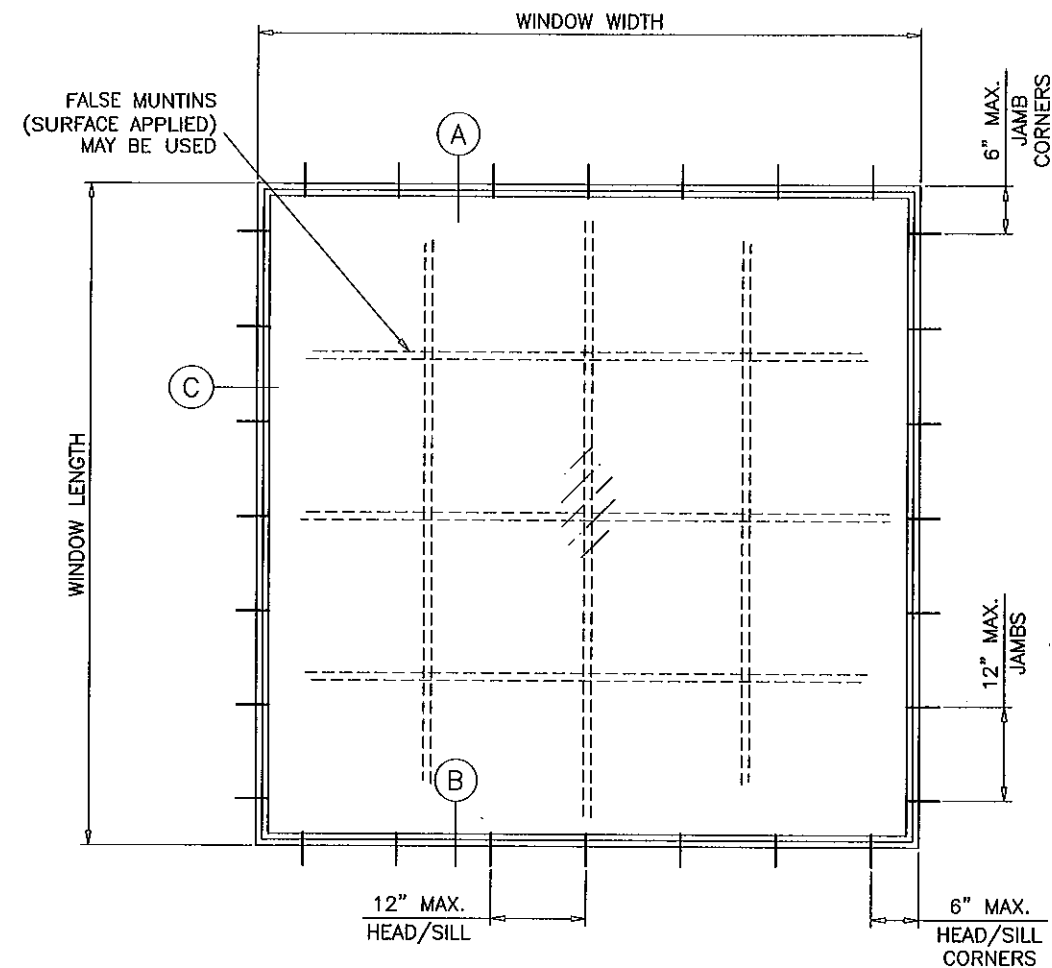
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF CURRENT FLORIDA BLDG. CODE SECTION 2003.8.4.



TYPICAL ELEVATION

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
DEC 08 2011

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-1213.08
Expiration Date DEC 13, 2016
By *Manuel Perez*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W06-84YO

EXTERIOR GLAZED ALUM FIXED WINDOW (L.M.I.)

TRULITE WINDOW & DOOR SOLUTIONS, LLC
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887-2646 FAX (305) 883-1309

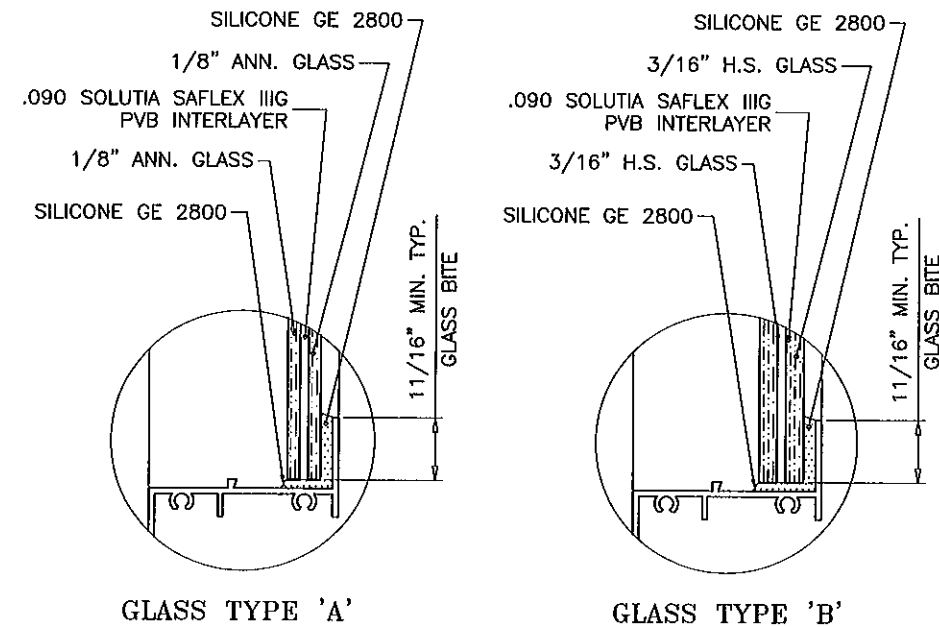
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A	03.25.09	NOTES REV.	MANF. NAME CHANGE
B	05.27.10	MANUF. NAME REVISED	
C	11.18.11	UPDATED TO 2010 FBC	NAME REV

date: 12-11-06
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W06-84
sheet 1 of 5

DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'			
		ANCHORS TYPE 'A'		ANCHORS TYPE 'A'		ANCHORS TYPE 'B'	
WIDTH	LENGTH	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
19-1/8"	26"	70.0	70.0	65.0	65.0	65.0	65.0
26-1/2"		70.0	70.0	65.0	65.0	65.0	65.0
37"		70.0	70.0	65.0	65.0	65.0	65.0
53-1/8"		70.0	70.0	65.0	65.0	65.0	65.0
19-1/8"	38-3/8"	70.0	70.0	65.0	65.0	65.0	65.0
26-1/2"		70.0	70.0	65.0	65.0	65.0	65.0
37"		63.7	63.7	65.0	65.0	65.0	65.0
53-1/8"		61.5	61.5	65.0	65.0	65.0	65.0
19-1/8"	59"	70.0	70.0	65.0	65.0	65.0	65.0
26-1/2"		70.0	70.0	65.0	65.0	65.0	65.0
37"		63.7	63.7	65.0	65.0	65.0	65.0
53-1/8"		-	-	60.2	60.2	65.0	65.0
19-1/8"	63"	70.0	70.0	65.0	65.0	65.0	65.0
26-1/2"		70.0	70.0	65.0	65.0	65.0	65.0
37"		60.7	60.7	65.0	65.0	65.0	65.0
53-1/8"		-	-	64.3	64.3	65.0	65.0
19-1/8"	74-1/4"	70.0	70.0	65.0	65.0	65.0	65.0
26-1/2"		69.8	69.8	65.0	65.0	65.0	65.0
37"		47.5	47.5	65.0	65.0	65.0	65.0
53-1/8"		-	-	57.3	57.3	65.0	65.0

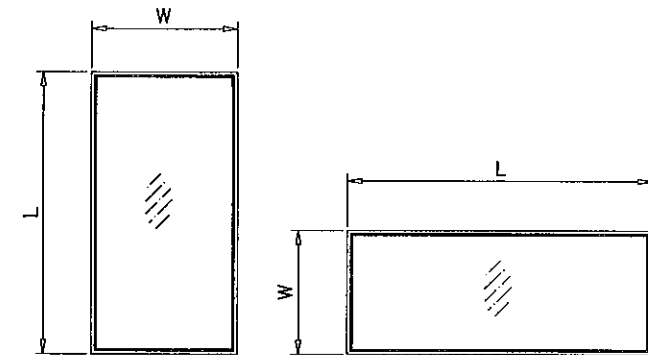
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS).



GLAZING OPTIONS

DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'			
		ANCHORS TYPE 'A'		ANCHORS TYPE 'A'		ANCHORS TYPE 'B'	
WIDTH	LENGTH	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
18"	24"	70.0	70.0	65.0	65.0	65.0	65.0
24"		70.0	70.0	65.0	65.0	65.0	65.0
30"		70.0	70.0	65.0	65.0	65.0	65.0
36"		70.0	70.0	65.0	65.0	65.0	65.0
42"		70.0	70.0	65.0	65.0	65.0	65.0
48"		70.0	70.0	65.0	65.0	65.0	65.0
54"		70.0	70.0	65.0	65.0	65.0	65.0
60"		70.0	70.0	65.0	65.0	65.0	65.0
66"	36"	70.0	70.0	65.0	65.0	65.0	65.0
72"		70.0	70.0	65.0	65.0	65.0	65.0
18"		70.0	70.0	65.0	65.0	65.0	65.0
24"		70.0	70.0	65.0	65.0	65.0	65.0
30"		65.5	65.5	65.0	65.0	65.0	65.0
36"		65.5	65.5	65.0	65.0	65.0	65.0
42"		65.5	65.5	65.0	65.0	65.0	65.0
48"		65.5	65.5	65.0	65.0	65.0	65.0
54"	48"	58.4	58.4	65.0	65.0	65.0	65.0
60"		49.7	49.7	64.0	64.0	65.0	65.0
66"		70.0	70.0	65.0	65.0	65.0	65.0
72"		70.0	70.0	65.0	65.0	65.0	65.0
18"		70.0	70.0	65.0	65.0	65.0	65.0
24"		70.0	70.0	65.0	65.0	65.0	65.0
30"		65.5	65.5	65.0	65.0	65.0	65.0
36"		56.2	56.2	65.0	65.0	65.0	65.0
42"	60"	49.1	49.1	65.0	65.0	65.0	65.0
48"		49.1	49.1	65.0	65.0	65.0	65.0
54"		49.1	49.1	60.0	60.0	65.0	65.0
60"		-	-	61.7	61.7	65.0	65.0
66"		-	-	54.0	54.0	65.0	65.0
72"		70.0	70.0	65.0	65.0	65.0	65.0
18"		70.0	70.0	65.0	65.0	65.0	65.0
24"		70.0	70.0	65.0	65.0	65.0	65.0
30"	72"	65.5	65.5	65.0	65.0	65.0	65.0
36"		56.2	56.2	63.3	63.3	65.0	65.0
42"		49.1	49.1	60.0	60.0	65.0	65.0
48"		-	-	58.2	58.2	65.0	65.0
54"		-	-	57.6	57.6	60.4	60.4
60"		-	-	57.6	57.6	60.4	60.4
66"		-	-	49.4	49.4	60.4	60.4
72"		70.0	70.0	65.0	65.0	65.0	65.0
18"	84"	70.0	70.0	65.0	65.0	65.0	65.0
24"		70.0	70.0	65.0	65.0	65.0	65.0
30"		62.0	62.0	65.0	65.0	65.0	65.0
36"		49.7	49.7	64.0	64.0	65.0	65.0
42"		-	-	58.1	58.1	65.0	65.0
48"		-	-	54.0	54.0	65.0	65.0
54"		-	-	51.2	51.2	65.0	65.0
60"		-	-	49.4	49.4	60.4	60.4
18"	96"	70.0	70.0	65.0	65.0	65.0	65.0
24"		70.0	70.0	65.0	65.0	65.0	65.0
30"		50.9	50.9	65.0	65.0	65.0	65.0
36"		-	-	61.1	61.1	65.0	65.0
42"		-	-	54.9	54.9	65.0	65.0
48"		-	-	50.4	50.4	65.0	65.0
54"		-	-	47.2	47.2	65.0	65.0

DESIGN LOAD CAPACITY - PSF							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'			
		ANCHORS TYPE 'A'		ANCHORS TYPE 'A'		ANCHORS TYPE 'B'	
WIDTH	LENGTH	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
18"	96"	70.0	70.0	65.0	65.0	65.0	65.0
24"		66.8	66.8	65.0	65.0	65.0	65.0
30"		47.2	47.2	65.0	65.0	65.0	65.0
36"		-	-	59.1	59.1	65.0	65.0
42"		-	-	52.7	52.7	65.0	65.0
48"	108"	-	-	48.0	48.0	65.0	65.0
18"		70.0	70.0	65.0	65.0	65.0	65.0
24"		70.0	70.0	65.0	65.0	65.0	65.0
30"		-	-	65.0	65.0	65.0	65.0
36"		-	-	57.6	57.6	65.0	65.0
42"	114"	-	-	51.1	51.1	65.0	65.0
18"		62.2	62.2	65.0	65.0	65.0	65.0
24"		62.2	62.2	65.0	65.0	65.0	65.0
30"		-	-	65.0	65.0	65.0	65.0
36"		-	-	60.0	60.0	65.0	65.0
18"	120"	55.6	55.6	65.0	65.0	65.0	65.0
24"		55.6	55.6	65.0	65.0	65.0	65.0
30"		-	-	65.0	65.0	65.0	65.0
36"		-	-	56.5	56.5	65.0	65.0
18"	132"	44.6	44.6	65.0	65.0	65.0	65.0
24"		-	-	65.0	65.0	65.0	65.0
30"		-	-	65.0	65.0	65.0	65.0
36"		-	-	65.0	65.0	65.0	65.0
18"	144"	39.2	39.2	65.0	65.0	65.0	65.0
24"		-	-	65.0	65.0	65.0	65.0
30"		-	-	65.0	65.0	65.0	65.0
36"		-	-	64.3	64.3	65.0	65.0



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
DEC 08 2011

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Expiration Date DEC 13, 2016
By: *Mamuel Perez*
Miami Trade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 262-8100 FAX. (305) 262-6978
COMP-ANL\W06-84YO

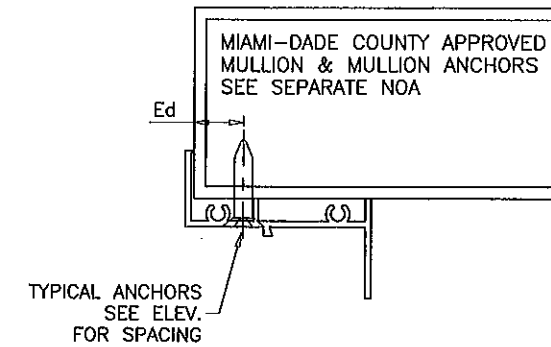
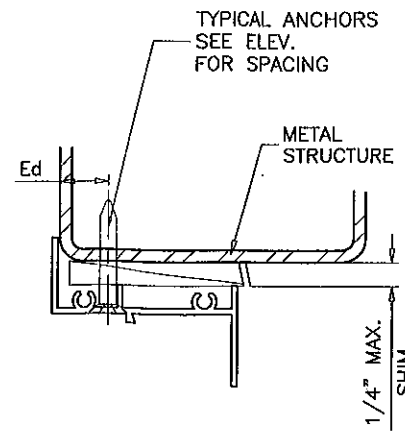
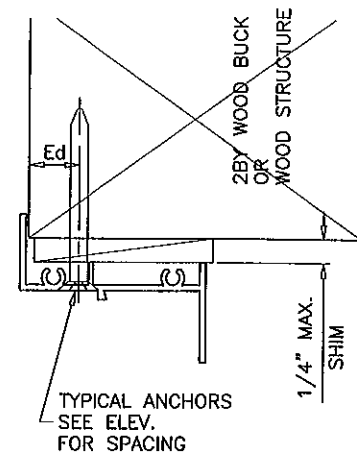
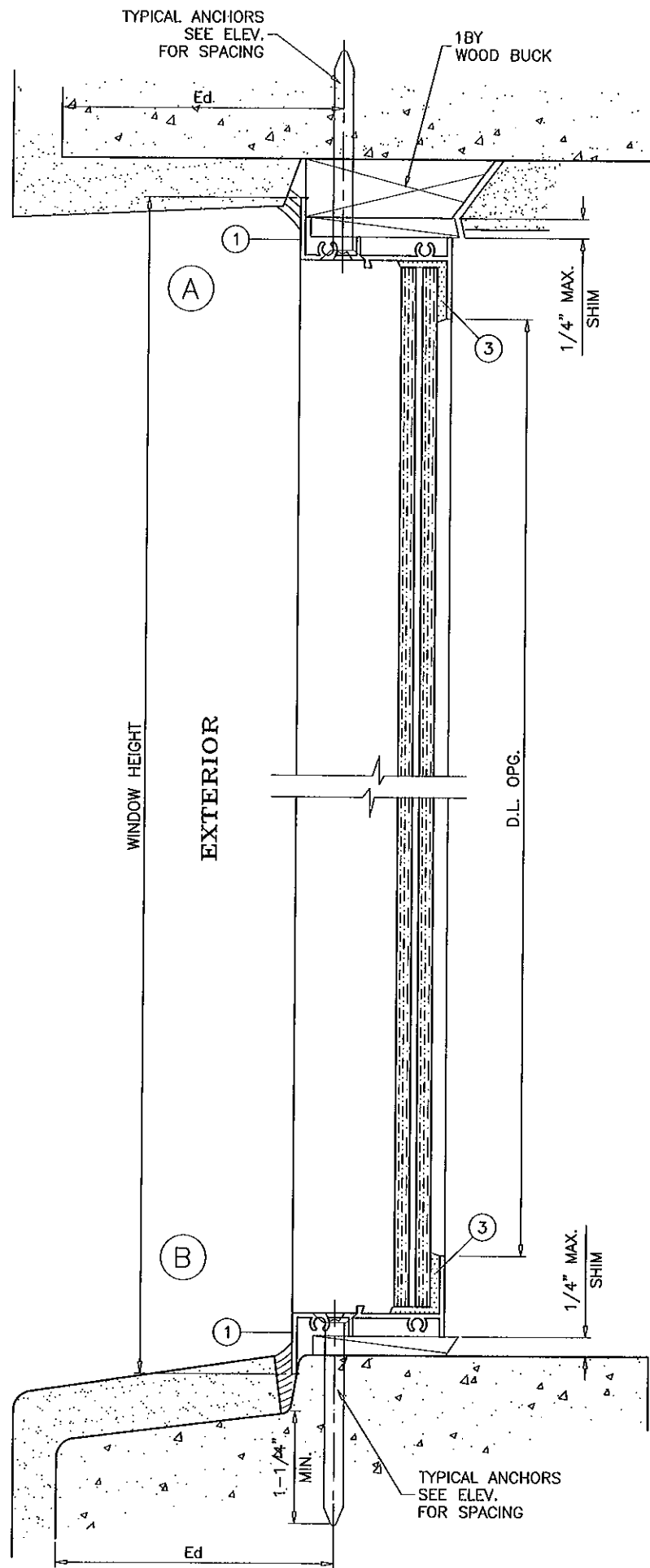
EXTERIOR GLAZED ALUM FIXED WINDOW (L.M.I.)

TRULITE WINDOW & DOOR SOLUTIONS, LLC
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887-2646 FAX (305) 883-1309

revisions:	no	date	description	by
	A	03.25.09	NOTES REV., MANF. NAME CHANGE	
	B	05.27.10	MANUF. NAME REVISED	
	C	11.18.11	MANUF. NAME REVISED	

date: 12-11-06
scale: -
dr: HAMID
chk: by:

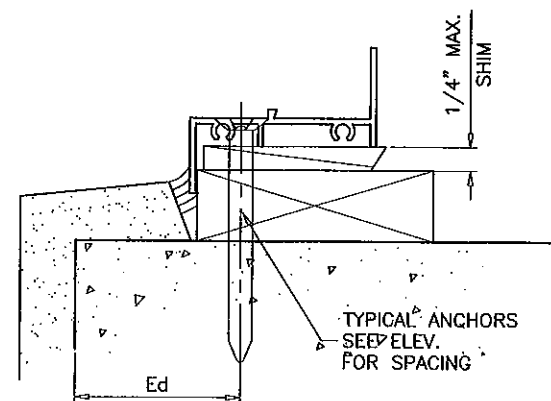
drawing no.
W06-84
sheet 2 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY TRULITE MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANTS:

FRAME CORNERS AND INSTALLATION SCREWS SEALED WITH SILICONE SEALANT.



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A' - 3/16" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)
3/16" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'B' - 1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)
1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

3/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
 INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#10 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 (NO SHIM SPACE)

Ed = ANCHOR EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1-1/4" MIN.
 INTO WOOD STRUCTURE = 9/16" MIN.
 INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

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 Miami Dade Product Control

DEC 08 2016

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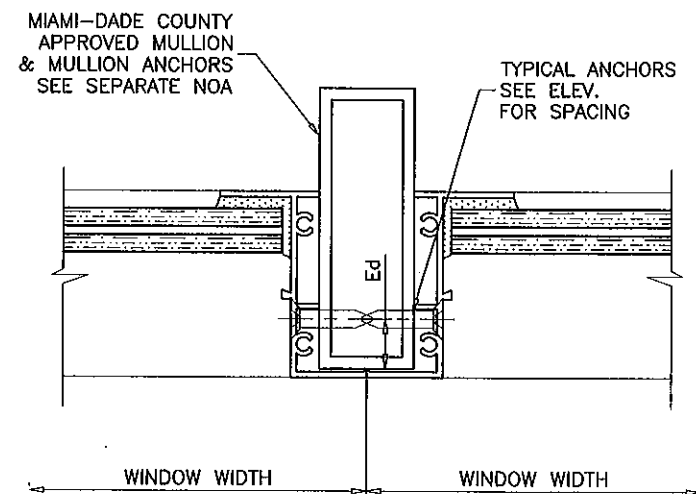
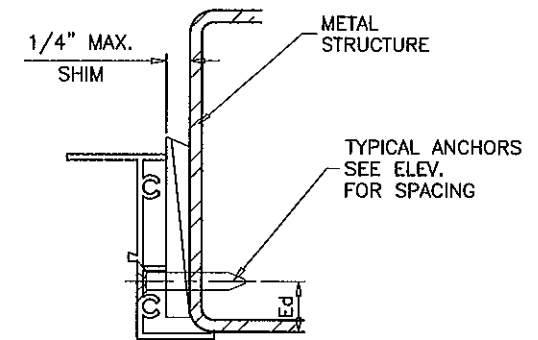
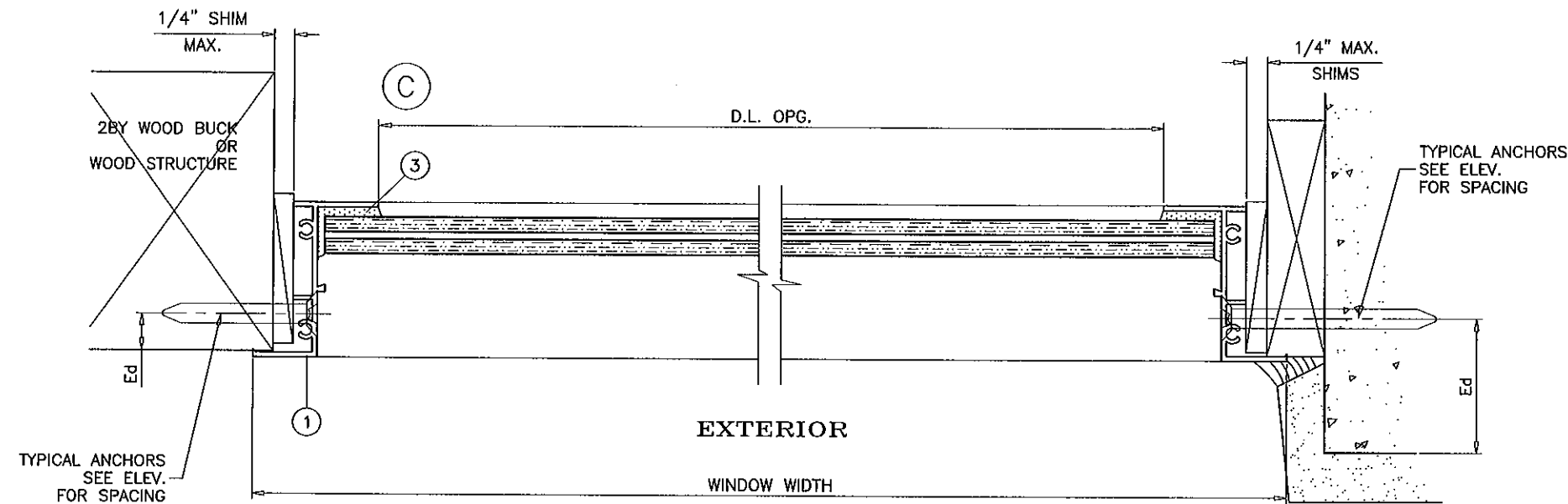
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C	11.18.11	ANCHORS, MANUF. NAME REVISED	

date: 12-11-06
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
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sheet 3 of 5



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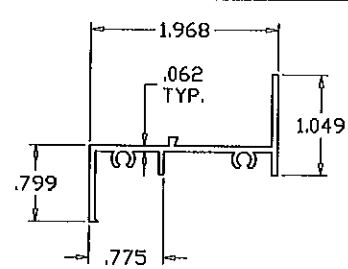
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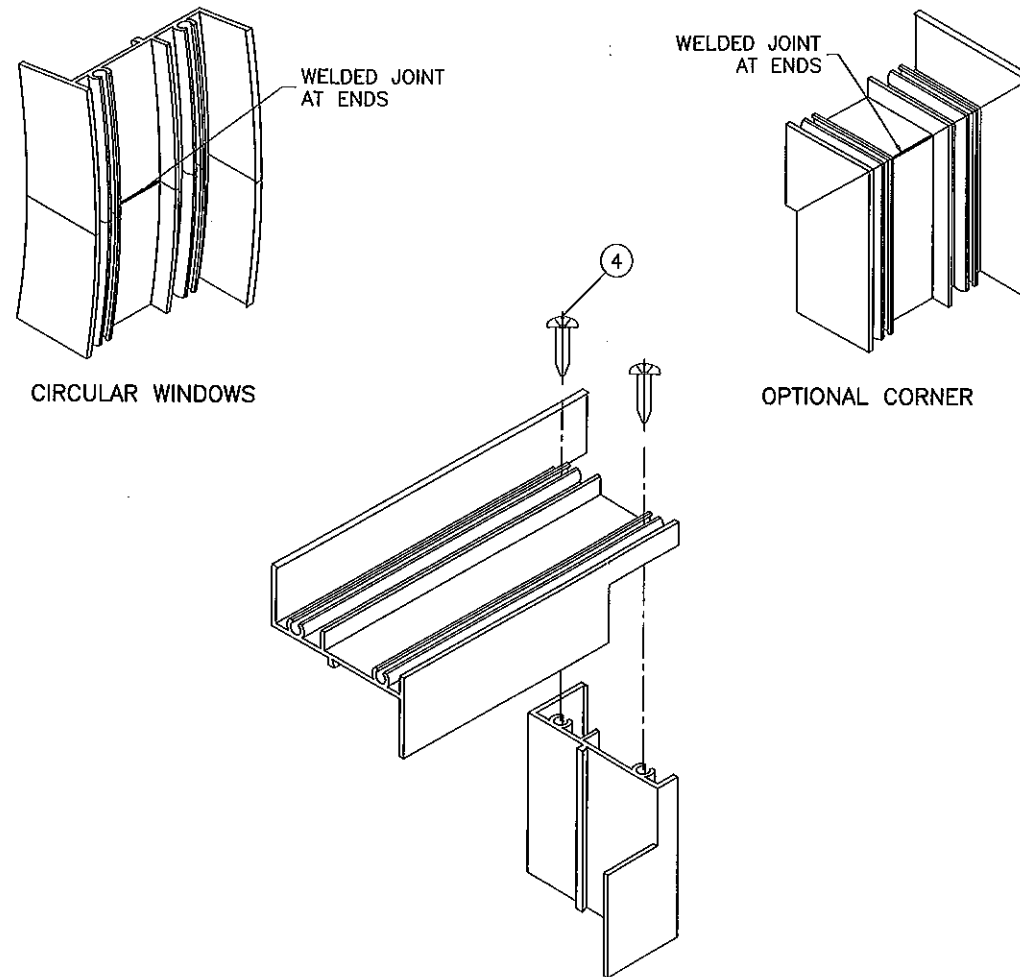
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WINDOW FRAME

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-60	4	WINDOW FRAME	ALUMINUM	6063-T6
3	-	AS REQD.	GLAZING COMPOUND	SILICONE	GE-2800
4	#8 X 1"	2/ CORNER	FRAME ASSEMBLY SCREWS	-	-



RECT. OR SQUARE WINDOWS

TYP. CORNER DETAILS

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Miami Dade Product Control

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sheet 5 of 5

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